

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application:

1. (currently amended) An evaporator for a refrigeration system, comprising a tube provided with fins and bent in the form of a coil, the coil conducting a refrigerating fluid therewithin and comprising tube portions (20a) arranged in parallel to each other and rows that each define a plane which ~~are~~ is substantially perpendicular transversal to the direction of a forced airflow (F) that passes externally through the evaporator (10), from a first end region (11) of air admission to a second end regions (12) of air outlet of the evaporator (10), characterized in that the tube (20) has its tube portions (20a) arranged as a coil (S), having an inlet end (21) provided in the second end region (12) of the evaporator (10), and an [[a]] outlet end (22) provided in the first end region (11) of the evaporator (10)~~),~~ so that the refrigerating fluid flows through the coil (S) in counterflow in relation to the forced airflow (F).

2. (currently amended) An evaporator according to claim 1, characterized in that the coil comprises several parallel rows of tube portions (20a) that are connected in series at the opposite ends thereof, and paired tube portions defining each of the parallel rows are alternatingly staggered along their respective planes.